GOVERNMENT OF INDIA
SPACE
LOK SABHA

UNSTARRED QUESTION NO:3541
ANSWERED ON:07.12.2016
Reusable Launch Vehicle
Lekhi Smt. Meenakashi

Will the Minister of SPACE be pleased to state:

(a) whether the Indian Space Research Organisation is planning to launch reusable vehicle namely the Reusable Launch Vehicle Technology Demonstrator (RLVTD) in near future; and
(b) if so, the details thereof?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PG & PENSIONS AND IN THE PRIME MINISTER'S OFFICE (DR. JITENDRA SINGH):

(a) & (b)
ISRO has successfully carried out the first experimental mission of Reusable Launch Vehicle − Technology Demonstrator (RLV-TD), on May 23, 2016 from Satish Dhawan Space Centre, Sriharikota. In this mission, critical technologies such as autonomous navigation, guidance & control and reusable thermal protection system have been successfully demonstrated.

The Development of Reusable Launch Vehicle is a technical challenge and it involves the development of many cutting edge technologies. Presently, it is in the preliminary stage of total developmental process. A series of technology demonstration missions would be required before it is made operational.

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